

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

(Use several sheets if necessary)

Docket Number (Optional)
13807 (YOR9200007US1)

Application Number 09663664 \$4
Unassigned

Applicant(s):

Filing Date

Herewith

Group Art Unit

Unassigned 2136

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

<i>cc</i>	"IBM 4758 Models 1 and 13 PCI Cryptographic Coprocessor", IBM Product Brochure G221-9091, (1999)
<i>cc</i>	"IBM Coprocessor First to Earn Highest Security Validation", Press release, IBM Corporation, December 1998

EXAMINER

DATE CONSIDERED

8/25/2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (Optional) 13807(YOR9200 57US1)	Application Number <i>05663664 #4</i> <i>Unassigned</i>
Applicant(s) David M. Chess, et al.	
Filing Date Herewith	Group Art Unit <i>Unassigned 2136</i>

*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
<i>cc</i>	Palmer, E., "An Introduction to Citade-A Secure Crypto Coprocessor for Workstations", Research Report, RC 18373, IBM T.J. Watson Research Center, 1992
<i>cc</i>	Weingart, S.H., "Physical Security for the ABYSS System", IEEE Security and Privacy, Oakland, 1987
<i>cc</i>	White, S.R., et al., "ABYSS: A Trusted Architecture for Software Protection", IEEE Security and Privacy, Oakland, 1987
<i>cc</i>	White, S.R., et al., "Introduction to the Citadel Architecture: Security in Physically Exposed Environments", Research Report RC 16672, IBM T.J. Watson Research Center, 1991
<i>cc</i>	Smith, S., et al., "Building a high-performance, programmable secure coprocessor", Reprinted from Computer Networks, The International Journal of Computer and Telecommunications Networking, Secure Systems and Smart Cards, IBM T.J. Watson Research Center, Computer Networks 31, (1999) pp. 831-860
<i>cc</i>	Smith, S., et al., "Practical Private Information Retrieval with Secure Coprocessors", IBM T.J. Watson Research Center, May 23, 2000, pp. 1-11
<i>cc</i>	Wilhelm, U., et al., "Introducing Trusted Third Parties to the Mobile Agent Paradigm", Laboratoire de Systemes d'Exploitation, Institut pour les Communications informatiques et leurs Applications Ecole Polytechnique Federale de Lausanne, 1015 Lausanne, Switzerland
EXAMINER <i>Paul Cahn</i>	DATE CONSIDERED <i>8/25/04</i>

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

#5

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)


Docket Number (Optional)

13807(YOR920 57US1)

Application Number

09/663,664

Applicant(s)

David M. Chess, et al.

Filing Date

September 15, 2000

Group Art Unit

2136
Unknown

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
cl		5,956,699	09/21/99	Wong, et al.			
cc		5,943,424	08/24/99	Berger, et al.			
cc		5,933,498	08/03/99	Schneck, et al.			
cc		5,917,912	06/29/99	Ginter, et al.			
cc		5,93,882	05/11/99	Asay, et al.			
cc		5,850,442	12/15/98	Mustic			
cc		5,835,595	11/10/98	Fraser, et al.			
cc		5,768,389	06/16/98	Ishii			
w		5,768,382	06/16/98	Schneier, et al.			
w		5,742,756	04/21/98	Dillaway, et al.			
cc		5,696,827	12/09/97	Brands			

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

cc		Wilhelm, U., et al., "Introducing Trusted Third Parties to the Mobile Agent Paradigm", Institut pour les Communications informatiques et leurs Applications Ecole Polytechnique Federale de Lausanne, 1015 Lausanne, Switzerland
cc		Gobioff, H., et al., "Smart Cards in Hostile Environments", Proceedings of the Second USENIX Workshop on Electronic Commerce, Oakland, California, (November 1996)

EXAMINER	DATE CONSIDERED
<i>Carl Eber</i>	<i>8/25/04</i>

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 13807(YOR920 57US1)	Application Number 09/663,664		
				Applicant(s) David M. Chess, et al.			
				Filing Date September 15, 2000	Group Art Unit Unknown 2136		
PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
cc		5,677,955	10/14/97	Doggett, et al.			
cc		5,629,980	05/13/97	Stefik, et al.			
cc		5,590,197	12/31/96	Chen, et al.			
cc		5,557,518	09/17/96	Rosen			
cc		5,148,534	09/15/92	Comerford			
cc		5,146,575	09/08/92	Nolan, Jr.			
cc		5,109,413	04/28/92	Comerford, et al.			
cc		4,916,738	04/10/90	Chandra, et al.			
cc		4,817,140	03/28/89	Chandra, et al.			
FOREIGN PATENT DOCUMENTS							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
cc		Havener, W., et al., "Derived Test Requirements for FIPS PUB 140-1, Security Requirements for Cryptographic Modules", http://csrc.nist.gov/cryptval/140-1/140test1.htm , (March 1995)					
cc		Smith, S., "Secure Coprocessing Applications and Research Issues", Los Alamos National Laboratory, Los Alamos Unclassified Release LA-UR-96-2805, (August 1, 1996)					
EXAMINER <i>Paul Dohi</i>				DATE CONSIDERED <i>8/25/04</i>			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

#5

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		Docket Number (Optional) 13807(YOR920 57US1)	Application Number 09/663,664
		Applicant(s) David M. Chess, et al.	
		Filing Date NOV 17 2000	Group Art Unit Unknown 2136
*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Include Author, Title, Date, Pertinent Pages, Etc.)</i>		
cc	Smith, S., "Validating a High-Performance, Programmable Secure Coprocessor", IBM T.J. Watson Research Center, Yorktown Heights, New York 10598-0704		
cc	Yee, B., "Using Secure Coprocessors", School of Computer Science Carnegie Mellon University, Pittsburgh, PA 15213, (1994)		
cc	'Security Requirements For Cryptographic Modules', http://www.itl.nist.gov/fipspubs/fip140-1.htm , Federal Information Processing Standards Publication 140-1, (January 1994)		
cc	Dyer, J., et al., "Application Support Architecture for a High-Performance, Programmable Secure Coprocessor", IBM T.J. Watson Research Center, Yorktown Heights, New York 10598-0704		
cc	Smith, S., et al., "Trusting Trusted Hardware: Towards a Formal Model for Programmable Secure Coprocessors", Proceedings of the 3rd USENIX Workshop on Electronic Commerce, Boston, Mass., (August 31-September 3, 1998)		
cc	Smith, S., et al., "Using a High-Performance, Programmable Secure Coprocessor", IBM T.J. Watson Research Center, Yorktown Heights, New York 10598, pp. 73-89		
cc	Smith, S., et al., "Practical Private Information Retrieval with Secure Coprocessors", IBM Research Report, RC 21806 (Log#98098), (July 27, 2000)		
EXAMINER <i>Carl C. Sch.</i>		DATE CONSIDERED <i>8/25/04</i>	
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			